

ANTI HYDRO-R

SET RETARDING WATER REDUCING CEMENT ADDITIVE

ANTI HYDRO-R is a unique formulation to be added while making cement concrete to increase work ability, strength & durability. It is a combination of waterproofer cum retarder which when added reduces water requirement, bleed water & shrinkage. The increased chemical activity provides internal curing & produces much denser concrete resulting highly impermeable concrete. These combined reactions produces waterproof concrete & higher compressive strength with longer life for the structures.

ANTI HYDRO-R ease handling & transportation of concrete while improving workability, particularly in hot weather condition due to its slower rate of setting properties.

ADVANTAGES :

- Increase the initial & final setting time for longer concrete handling.
- Improves the workability & flow properties without increasing water.
- Increase the slump even up to 180-200 mm. without loss of final strength.
- Increase ultimate strength without addition of cement content thus cost effective.
- Enhances life of R.C.C. / Mortar by reducing water permeability.

APPLICATIONS :

- All kind of cement concrete mixing in tropical weather belt, for retardation.
- Ready mix concrete manufacturing units.
- Transportation of concrete to longer distance or delayed placing.
- Structural concrete at elevated temperature.

MIXING METHOD :

It is supplied in ready to use form & should be pre mixed with gauging water (Measured mixing water required for making wet concrete)

For best result, mix concrete for 3-5 minutes for homogenous and thorough mix.

PRECAUTION :

- Do not use ANTI HYDRO-R directly in to the dry mix.
- The retardation of setting time depend upon the type of cement, mix design, prevailing ambient temperature etc.
- Hand mix should be avoided except for small quantity.
- Optimum dosage should be determined by site trial.
- Over dosing should always be avoided.

TECHNICAL SPECIFICATION :

Type	: Retarder-water reducing Admixture
From	: Liquid, Free from Chlorides
Colour	: Dark brown
Base	: Modified high molecular organic polymer
Conforms to	: Is 9103-1979 & ASTM C-494
Sp. Gr.	: 1.16+ ₋ 0.01
Air entrainment	: Nil to Marginal
Dosage	: 250 gms to 400 gms per 50 kg of Cement bag. (depends upon the nature of work)
Shelf Life	: 12 months in sealed container
Toxicity	: Non Toxic but avoid inhalation
Handling	: Presents no fire or health hazards
Packing	: 250 gms, 5 kg, 20 kg, 50 kg & 100 kgs. drum

NOTE :

Every reasonable care is taken in the manufacture of ANTI HYDRO-R products to ensure our higher quality standard. All recommendations, basic informations are given in good faith but without any warranty since the condition of use are beyond our control. It is entirely responsibility of the user to make his test to determine the suitability of the products for his own purpose under normal operating conditions.

Marketed by :

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